

INSTALLATION & TECHNICAL GUIDE

SunTek PPF offers technologically advanced paint protection. Its self-healing, solvent-resistant top coat formulation is incredibly durable and easy to install.

REFER TO THIS GUIDE FOR PROPER PRACTICES & TECHNIQUES



FEATURES & BENEFITS

- Nearly invisible protection from damage caused by rocks, salt, insects and other road debris
- A proprietary, self-healing clear coat that is scratch-and crack-resistant with a high-gloss finish
- Transforms the appearance of traditional paint to a matte finish when using PPF Matte
- Outstanding optical clarity
- Manufacturer's limited warranty*

APPLICATION & STORAGE

- For detailed product information and installation videos of SunTek Paint Protection Film visit SunTekFilms.com
- Recommended installation environment temperature should be within 60°F to 90°F (15.5°C - 32°C)
- For optimal performance we recommend the product be used within 6 months of purchase and stored in temperatures below 90°F (32°C)

PPF CLEAR (SUNTEK PPF & SUNTEK PPF ULTRA)

50' ROLL LENGTH | AVAILABLE WIDTHS:

3/4"	12"	18"	24"	30"	36"	48"	60"	72"
	✓	✓	✓	✓	✓	✓	✓	✓

100' ROLL LENGTH | AVAILABLE WIDTHS:

3/4"	12"	18"	24"	30"	36"	48"	60"	72"
✓	✓	✓	✓	✓	✓	✓		

PPF MATTE (SUNTEK PPF & SUNTEK PPF ULTRA)

50' ROLL LENGTH | AVAILABLE WIDTHS:

3/4"	12"	18"	24"	30"	36"	48"	60"	72"
			✓	✓	✓	✓	✓	

100' ROLL LENGTH | AVAILABLE WIDTHS:

3/4"	12"	18"	24"	30"	36"	48"	60"	72"
			✓	✓	✓	✓		

PPF ULTRA DEFENSE

50' ROLL LENGTH | AVAILABLE WIDTHS:

3/4"	12"	18"	24"	30"	36"	48"	60"	72"*
							✓	

100' ROLL LENGTH | AVAILABLE WIDTHS:

3/4"	12"	18"	24"	30"	36"	48"	60"	72"
			✓	✓	✓			

*PPF Clear on 72" width and 50' length is only available on SunTek PPF Ultra

RECOMMENDED INSTALLATION TOOLS

- Yellow Turbo
- Black Tube Squeegee
- Detailing Squeegee
- Johnson's® Baby Shampoo
- Distilled Water
- 70% Isopropyl Alcohol
- Olfa Knife
- (2) Spray Bottles
- Lint-Free Towels
- Clay Bar

INSTALLATION SOLUTIONS

Slip Solution One bottle (32 oz) of distilled water with two to three droplets of baby shampoo

Tack Solution 15% of 70% isopropyl alcohol diluted with 85% distilled water

Note: For other ratio recommendations, refer to the technical reference page in this document.

TIPS & TRICKS

GENERAL SUNTEK PPF INSTALLATION TIPS

- If a surface scratch in the film occurs during installation, use minimal heat to make the film self-heal
- If there is any debris under the film after installation, lift the product using slip solution then reinstall
- Always squeegee away from an area that has already been installed
- If there is a tool scuff mark in the film from installation or after, remove it with the tack solution
- To optimize product adhesion, wipe the panel edges with alcohol prior to installation

PPF ULTRA DEFENSE INSTALLATION TIPS

Removing Cap Sheet:

- Cap sheet removal is easy. Using your fingernail at the corner of the film, separate the cap sheet from the paint protection film.
- Tip: Alternative method to remove cap sheet:
 - Use an Olfa knife and slit about an inch of film at the edge
 - Tear the corner of the film. More times than not, the PPF and cap sheet do not tear the same way
 - Use the Olfa knife tip to separate the CAP from the film
 - CAP sheet removes without an issue

Plotting:

- Increase "Force" up by 2-4 points. For example, if your settings are currently 23 for force, adjust to 25/27*
- PPF Ultra Defense may need to plot slower than normal due to the thickness and roll weight
- It's suggested to feed required film out before plotting

Application:

- Use recommended application solutions
- Use recommended tack solutions (our typical recommendation is to use a tack solution with an alcohol percentage between 10-20%, to achieve higher tack, increase the alcohol percentage to a maximum of 20%)
- Use a firm squeegee (green or yellow) for increased pressure when squeegeeing thicker PPF
- **Tip:** When stretching around extreme curves, perform an initial stretch then relax, then perform second and if needed third stretch to get material to intended line up point
- **Tip:** Use of warm water or steam will increase ease of fitment (not required in every case, but useful for highly curved panels or in very cold environments)

* Force recommendations are based on a Graphtec plotter

SURFACE PREPARATION

The ideal installation temperature is between 60°F and 90°F

- Always prep the surface area where the paint protection is applied by using slip solution and cleaning the area of application
- Use a clay bar to clean and remove dirt or debris from the vehicle paint surface then degrease the installation area using your tack solution
- Finally, spray slip solution onto the area and, using a squeegee, make one final pass to ensure that no fibers were left behind from the towel

HOOD INSTALLATION

- Spray slip solution on the hood and film
- Peel liner and place the pattern on the hood in the correct alignment
- If needed, use the tack solution underneath the film and position one side of the film, then squeegee into position
- Distribute stretch as needed to reach the opposite side of the hood, then, using your tack solution, squeegee out opposite side
- To complete the hood, finish squeegeeing the slip solution out of the middle

Note: If you are using a piece of film that is not a pattern, follow the same steps.

FENDER INSTALLATION

- Prep surface area
- Remove liner from the film and place the pattern using slip solution
- Align the pattern into place and use tack solution if needed to complete your install

BUMPER INSTALLATION

- Prep surface area
- Remove liner from the film and place the pattern on the bumper with slip solution
- Find where the most alignment points are on the vehicle, then use tack solution to lock into placement (Most of the time the best alignment point is off center of the bumper)
- Use tack solution and gently stretch the film as needed toward the wheel to complete the compound curve
- Repeat on the opposite side
- Remember to minimize tension around sensors and headlight washers

Note: If using a piece of film that is not a pattern, follow the same steps

MIRROR INSTALLATION

- Prep surface area
- Remove liner from the film and place the pattern using your slip solution
- Use your tack solution to lock the film down in the best alignment position
- Stretch the film as needed to finish the mirror using your tack solution

Note: Do not over stretch film and do not use more alcohol to install; this will destroy the adhesive.

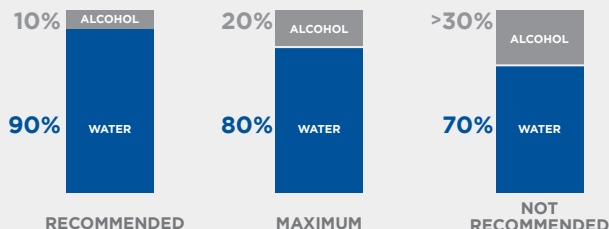
REMOVAL

- SunTek Paint Protection Film can be removed from the vehicle at any time. Simply lift a corner of the film and with a pulling motion, remove at a 30°- 90° angle.
- Steam softens the film and makes it easier to remove (especially in temperatures below 60°F). Using the steam removal method, the adhesive stays on the film during removal, requiring less adhesive clean-up. A heat gun or hair dryer can also be used to soften the adhesive. This method may cause the adhesive to split which will require more adhesive to be cleaned off the vehicle.

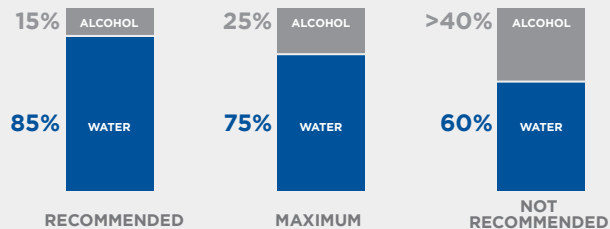
SUNTEK PAINT PROTECTION FILM | TECHNICAL REFERENCE

TACK SOLUTION - ALCOHOL TO WATER RATIOS

With >90% Isopropyl Alcohol



With >70% Isopropyl Alcohol



CARE

1. To maintain the life and looks of your SunTek PPF and to maintain your warranty coverage, do not wash or wax your vehicle for a minimum of three days following Product installation. If average daily temperature falls below 55 °F, do not wash or wax your vehicle for a minimum of 7 days following Product installation.
2. Following this curing period, frequent washing and waxing is recommended. Hand wash with soap and water. Wax once or twice a year with a non-abrasive wax for added protection to maintain gloss. To prevent lifting, avoid automatic car washes and spraying the film edges with a high pressure nozzle hose, high powered pressure steam or a power washer.

LIMITED WARRANTY* COVERAGE

The manufacturer warrants professionally sold and applied SunTek Paint Protection Film (PPF-Clear, PPF-Matte as applicable) (the "Product") against cracking, bubbling or yellowing caused solely by defects in manufacture or materials, for a period of five years from the date of installation of the product (ten years for SunTek PPF Ultra Series). This warranty is valid only if the product application was performed by a SunTek installer in the United States or Canada in accordance with manufacturer's application procedures and applicable law. In no event whatsoever will manufacturer be responsible for improper or faulty installation.

*Limited warranty includes labor allowance against cracking, bubbling or yellowing. Certain restrictions apply.

SUNTEK TRUCUT™ SYSTEM

Save time and improve efficiency with our innovative film-cutting tool for paint protection film. The TruCut™ system helps reduce liability and improves overall installation quality by eliminating cutting on the vehicle. Our pattern database for paint protection film is organized by vehicle year, make, model and trim. Our patterns include hoods, bumpers, fenders, mirrors, headlights, rockers, roofs, A-pillars, rear fenders, rear bumpers and more.

